**Monday Do Now**

PPF402 & PPF501

Geometry

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_

|  |  |
| --- | --- |
| 1) What is the x coordinate of the vertex of the graph of the equation below?  A.  B.  C.  D.  E. None of the above | 2) Determine the vertex of the following equation:  A. (0,0)  B. ( )  C. ()  D. ()  E. ( ) |
| 3) What is the sum of the solutions to the equation below?  A. -2  B. 8  C. 2  D. -8  E. 14 | 4) Which option best describes the correct transformation to the parent graph (y=x2)?  A. stretch  B. reflection  C. vertical shift up 3 units  D. All of the above  E. All but C |
| 5) Which function has the graph shown?    A.  B.  C.  D.  E. | 6)How would the graph of the function be affected if the function were changed to  A. The graph would shift down 7 units  B. The graph would shift up 7 units  C. The graph would shift up 14 units  D. The graph would shift down 14 units  E. The graph would shift to the right 7 units |

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|  |  |
| --- | --- |
| 1) Find the measure of the missing angle.    40  A. 95  B. 40  C. 85  D. 75  E. 275 | 2) Find the measure of angle Z    Z  1+6x  30  A. 3  B. 19  C. 11  D. 150  E. 30 |
| 3) Lines m and n are parallel. Find the measure of the missing angle.  m  103  n  ?  A.103  B. 180  C. 13  D. 77  E. None of the above | 4) Find x.    118  93  A. 51  B. 118  C. 82  D. 98  E. 93 |
| 5) Find the measure of the given angle    77    A. 6  B. 23  C. 155  D. 178  E. 49.4 | 6) Find the missing angle  ?  292  A. 112  B. 68  C. 652  D. 360  E.180 |

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|  |  |
| --- | --- |
| 1) Find the measure of the missing angle.    60  A. 90  B. 30  C. 45  D. 120  E. 60 | 2) Find the measure of angle Z    Z  60  8+6x  A. 120  B. 60  C. 4  D. 32  E.28 |
| 3) Lines m and n are parallel. Find the measure of the missing angle.  m  97  n  ?  A. 97  B. 83  C. 63  D. 180  E. 166 | 4) Find x.    128  93  A. 88  B. 92  C. 93  D. 90  E. 89 |
| 5) Find the measure of the given angle    74    A. 3  B. 80  C. 75  D. 108  E. 120 | 6) Find the missing angle  62  ?  A. 118  B. 298  C. 28  D. 248  E. None of the above |

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|  |  |
| --- | --- |
| 1) Find the measure of the missing angle.    53  ?  A. 67  B. 60  C. 53  D. 23  E. None of the above | 2) Find the measure of angle Z    Z  78  -2x+22  A. 13  B. 4  C. 82  D.78  E. None of the above |
| 3) Lines m and n are parallel. Find the measure of the missing angle.  63  m  n  ?  A. 130  B. 297  C. 27  D. 117  E.63 | 4) Find x.    43  128  A. 88  B. 15  C. 43  D. 72  E. 87 |
| 5) Find the measure of the given angle    105  A. 51  B. 3  C. 80  D. 77  E. 75 | 6) Find the missing angle  42  ?  A. 138  B. 318  C. 48  D. 126  E. 168 |

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|  |  |
| --- | --- |
| 1) Find the measure of the missing angle.    ?  53  A. 108  B. 72  C. 252  D. 18  E. 53 | 2) Find the measure of angle Z    66  Z  -x+22  A. 113  B. 67  C. 8  D. 14  E. 52 |
| 3) Lines m and n are parallel. Find the measure of the missing angle.  m  153  n  ?  A. 153  B. 27  C. 165  D. 63  E. 207 | 4) Find x.    108  43  A. 108  B. 43  C. 101  D. 72  E. None of the above |
| 5) Find the measure of the given angle    54  A. 4  B. 103  C. 100  D. 105  E. 152 | 6) Find the missing angle  ?  293  A. 57  B. 7  C. 113  D. 180  E. 67 |